

# **[Consumer Electronic Medical Record File Sharing System (CEMRFS) ]**

## **Abstract of Disclosure:**

Methods to allow for patient/consumers to collect, store, organize, password protect, and share personal health, medical, dental, and pharmacy data without regard to healthcare provider systems are provided. Application software necessary for complete functionality is contained on a portable, pocket sized, re-write enabled compact disk. Application software necessary for providers (doctors, dentists, hospitals, pharmacies) to view, print, and modify data points is contained on the compact disk. Communication software for the automatic updating of patient information by provider billing/management systems is contained on the compact disk. All software functions necessary for the user/patient and providers to collect, store, update, organize, and share patient information is contained within the application software imbedded on the compact disk. The compact disk therefore is the medium for consumers to collect, organize, store, and share their patient information with providers authorized by the consumer thus optimizing the health history information available to providers. Providing this information to care givers at the time of service serves to improve care and protect the consumer from endangerment due to lack of health history information, care conflicts, and/or drug-drug interactions. Consumer/patient control of access to the application further serves to protect against breach of privacy and confidentiality.

Figures:

Figure 1: A line graph showing the relationship between the concentration of a solution and its refractive index. The x-axis represents concentration in g/100 ml, ranging from 0 to 10. The y-axis represents refractive index, ranging from 1.00 to 1.05. The data points show a linear increase in refractive index with increasing concentration.